

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1           Claims 1-16 (Canceled).

1           Claim 17 (previously presented): A digital camera according to claim 23, wherein said  
2           memory is an SDRAM, and said writer includes a buffer for holding the processed image data output  
3           from said processor, and a transferor for transferring to said memory the processed image data held  
4           by said buffer.

1           Claim 18 (previously presented): A digital camera according to claim 23, wherein said  
2           memory has a plurality of memory areas, said digital camera further comprises a changer for  
3           changing a selecting of a memory area at an interval of the first time period, and wherein said writer  
4           writes the processed image data to one of said plurality of memory areas based on a changing result  
5           of said changer, and said reader reads the processed image data from another of said plurality of  
6           memory areas based on the changing result of said changer.

1           Claim 19 (previously presented): A digital camera according to claim 18, wherein said  
2           changer changes the selecting of the memory area in a predetermined order.

1           Claim 20 (previously presented): A digital camera according to claim 18, wherein the  
2           number of the memory areas is two, and the second time period is  $\frac{1}{2}$  of the first time period.

1           Claim 21 (previously presented): A digital camera according to claim 23, wherein the  
2           second time period is one over an integer of the first time period.

1           Claim 22 (previously presented): A digital camera according to claim 23, wherein said  
2           recorder records to said record medium the processed image data in a compressed state.

1           Claim 23 (currently amended): A digital camera, comprising:  
2           an imaging device having an imaging surface which generates an image signal corresponding  
3           to an optical image of an objective scene;  
4           a processor for subjecting the image signal generated by said imaging surface to signal  
5           processes including a thinning process performed by a thinning-out circuit so as to create processed  
6           image data at a rate of one screen per a first time period;  
7           a memory having a single input/output port;  
8           a writer for writing to said memory the processed image data output from said processor;

9 a reader for reading the processed image data stored in said memory at a rate of one screen  
10 per a second time period which is shorter than the first time period;

11 a displayer for displaying an image based on the processed image data read out by said  
12 reader;

13 a first instructor for instructing said processor to suspend the thinning process at a time of  
14 accepting a recording operation; [[and]]

15 a recorder for recording to a record medium the processed image data stored in said memory  
16 in response to the recording operation, and further comprising a second instructor for instructing said  
17 reader to suspend a reading process in association with an instructing process of said first instructor;

18 a buffer in communication with said memory;

19 a first switch; and

20 a shutter button, wherein said first switch disconnects said thinning-out circuit from said  
21 buffer to disable said thinning-out circuit when said shutter button is operated.

1 Claim 24 (new): A digital camera according to claim 23, further comprising:

2 an NTSC encoder in communication with said displayer;

3 a black image generating circuit for supplying black image data; and

4 a second switch,

5 wherein said second switch connects said black image generating circuit to said NTSC  
6 encoder to supply the black image data to said NTSC encoder and display a black image on said

7       displayer when said shutter button is operated,

8               wherein the writing to said memory is suspended when the first time period has elapsed from  
9       the operating of said shutter button.

1           Claim 25 (New): A digital camera, comprising:

2               an imaging device having an imaging surface which generates an image signal corresponding  
3       to an optical image of an objective scene;

4               a processor for subjecting the image signal generated by said imaging surface to signal  
5       processes including a thinning process so as to create processed image data;

6               a memory having a single input/output port;

7               a writer for carrying out a writing process to write to said memory the processed image data  
8       created by said processor at a rate of one screen per a first time period;

9               a reader for carrying out, in parallel with the writing process, a reading process to read the  
10      processed image data stored in said memory at a rate of one screen per a second time period which  
11      is shorter than the first time period;

12              a displayer for carrying out, in parallel with the reading process, a displaying process to  
13      display an image based on the processed image data read out from said memory;

14              a first instructor for instructing said processor and said reader to suspend the thinning process  
15      and the reading process, respectively, at a time of accepting a recording operation;

16              a second instructor for instructing said writer to suspend the writing process at a timing of

17 storing in said memory specific processed image data created by said processor after an instructing  
18 process of said first instructor; and  
19 a recorder for recording to a record medium the specific processed image data stored in said  
20 memory.

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